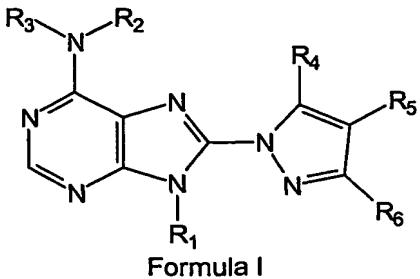


We claim:

- 1 1. A compound having the structure of Formula I,



6 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
7 enantiomers, diastereomers or N-oxides wherein

8 R₁ is hydrogen, alkyl, cycloalkyl, aryl, alkaryl, heteroaryl, heteroaryl alkyl, or
9 heterocyclyl alkyl;

10 R₂ and R₃ independently are hydrogen, alkyl, alkenyl, alkynyl, acyl, alkaryl,
11 heteroaryl alkyl, or heterocyclyl alkyl;

12 R₂ and R₃ together join to form three to eight membered cyclic rings, which is
13 optionally benzofused containing 0-3 heteroatom(s) selected from O, S or N,
14 wherein the ring is optionally substituted with one or more substituents selected
15 from alkyl, alkenyl, alkynyl, cycloalkyl, carboxy, alkoxy, aryloxy, halogen, aryl,
16 amino, substituted amino, alkaryl, heteroaryl, heterocyclyl, heteroarylalkyl or
17 heterocyclyl alkyl; and

18 R₄, R₅ and R₆ are independently selected from hydrogen alkyl, aryl, heteroaryl,
19 heterocyclyl, alkenyl, alkynyl, halogen, nitro, cyano, hydroxy, alkoxy, thioalkoxy,
20 amino, or substituted amino;

21 with the provisos that when R₂ is hydrogen, R₃ cannot be hydrogen, alkaryl or heteroaryl
22 alkyl; when R₂ is alkyl, R₃ cannot be alkaryl or heteroaryl alkyl; when R₂ is alkaryl, R₃
23 cannot be hydrogen or alkyl; when R₂ is heteroaryl alkyl, R₃ cannot be alkyl; when R₁ is
24 alkyl, R₂ and R₃ cannot be hydrogen and alkyl, respectively; and when R₁ is hydrogen; R₂
25 and R₃ cannot be hydrogen and alkyl, respectively.

- 1 2. The compound according to claim 1, wherein R₁ is aralkyl.
- 1 3. The compound according to claim 2, wherein R₁ is benzyl, 2-chlorobenzyl,
2 2-fluorobenzyl or 2-methoxybenzyl.
- 1 4. The compound according to claim 1, wherein R₂ is hydrogen, acyl or aralkyl.
- 1 5. The compound according to claim 4, wherein R₂ is acetyl, benzoyl or 2-
2 chlorobenzyl.
- 1 6. The compound according to claim 1, wherein R₃ is alkyl, acyl or aralkyl.
- 1 7. The compound according to claim 6, wherein R₃ is methyl, ethyl, COCH₃,
2 COC(CH₃)₃, COC₆H₅, CONH(4-chlorophenyl), CONHCH₂CH=CH₂ or 2-chlorobenzyl.
- 1 8. The compound according to claim 1, wherein R₄, R₅ and R₆ are hydrogen.
- 1 9. A compound which is

2 N-(9-Benzyl-8-pyrazol-1-yl-9H-purin-6-yl)-2,2-dimethylpropionamide,

3 N-Acetyl-N-(9-benzyl-8-pyrazol-1-yl-9H-purin-6-yl) acetamide,

4 N-benzoyl-N-(9-benzyl-8-pyrazol-1-yl-9H-purin-6-yl) benzamide,

5 Bis-(2-chlorobenzyl)-[9-(2-chlorobenzyl)-8-pyrazole-1-yl-9H-purin-6-yl]-amine,

6 (9-Benzyl-8-pyrazol-1-yl-9H-purin-6-yl) methylamine,

7 1-(9-Benzyl-8-pyrazol-1-yl-9H-purin-6-yl)-3-(4-chlorophenyl) urea,

8 1-Allyl-3-(9-benzyl-8-pyrazol-1-yl-9H-purin-6-yl)-urea,

9 [9-(2-Methoxybenzyl)-8-pyrazol-1-yl-9H-purin-6-yl]-methylamine,

10 [9-(2-Fluorobenzyl)-8-pyrazol-1-yl-9H-purin-6-yl]-methylamine,

11 (9-Benzyl-8-pyrazol-1-yl-9H-purin-6-yl) ethylamine or

12 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
13 enantiomers, diastereomers or N-oxides.

1 10. A pharmaceutical composition comprising a therapeutically effective amount of at
2 least one compound of claim 1 together with at least one pharmaceutically acceptable
3 carrier, excipient or diluent.

1 11. A method for treating, preventing, inhibiting or suppressing an inflammatory
2 condition or disease in a patient, comprising administering to the said patient a
3 therapeutically effective amount of at least one compound of claim 1.

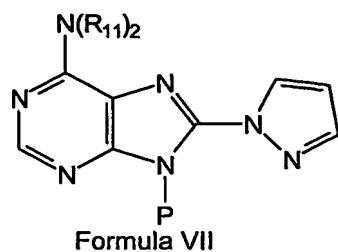
1 12. A method for treating, preventing, inhibiting or suppressing an inflammatory
2 condition or disease in a patient, comprising administering to the said patient a
3 therapeutically effective amount of a pharmaceutical composition of claim 10.

1 13. A method for the treatment, prevention, inhibition or suppression of AIDS, asthma,
2 arthritis, bronchitis, chronic obstructive pulmonary disease (COPD), psoriasis, allergic
3 rhinitis, shock, atopic dermatitis, Crohn's disease, adult respiratory distress syndrome
4 (ARDS), eosinophilic granuloma, allergic conjunctivitis, osteoarthritis, ulcerative colitis or
5 other inflammatory diseases in a patient comprising administering to said patient a
6 therapeutically effective amount of at least one compound of the claim 1.

1 14. A method for the treatment, prevention, inhibition or suppression of AIDS, asthma,
2 arthritis, bronchitis, chronic obstructive pulmonary disease (COPD), psoriasis, allergic
3 rhinitis, shock, atopic dermatitis, Crohn's disease, adult respiratory distress syndrome
4 (ARDS), eosinophilic granuloma, allergic conjunctivitis, osteoarthritis, ulcerative colitis
5 or other inflammatory diseases in a patient comprising administering to said patient a
6 therapeutically effective amount of a pharmaceutical composition of claim 10.

1 15. A method for the preparation of compounds of Formula VII,

2

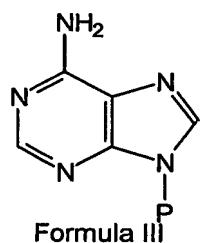


their pharmaceutically acceptable salts, pharmaceutically acceptable solvates, enantiomers, diastereomers or N-oxides, which method comprises the steps of:

a) N-protecting a compound of Formula II

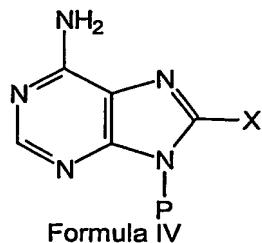


with a compound of Formula P-L to form a compound of Formula III,

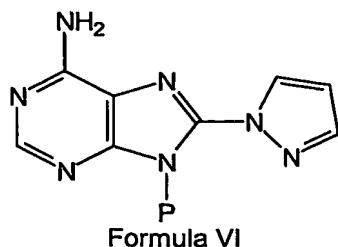


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b) halogenating a compound of Formula III to form a compound of Formula IV,



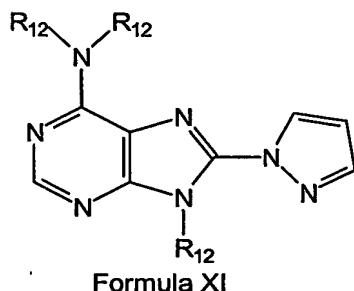
16 c) reacting a compound of Formula IV with pyrazole to form a compound of
 17 Formula VI,



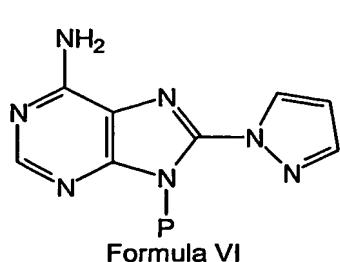
18 and

19 d) reacting a compound of Formula VI with a compound of Formula R₁₁-L to
 20 form a compound of Formula VII,
 21 wherein P is a protecting group; L is a leaving atom or group; X is a halogen; and R₁₁ is R₃
 22 (wherein R₃ is hydrogen, alkyl, alkenyl, alkynyl, acyl, alkaryl, heteroaryl alkyl, or
 23 heterocyclalkyl).

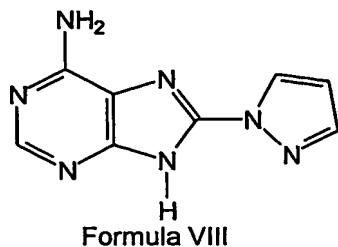
1 16. A method for the preparation of compounds of Formula XI,



2 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
 3 enantiomers, diastereomers or N-oxides, which method comprises the steps of:
 4
 5 a) deprotecting a compound of Formula VI



6
 7 to form a compound of Formula VIII,



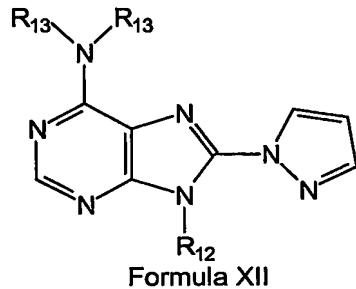
8

9 and

10 b) reacting a compound of Formula VIII with a compound of Formula R₁₂-L
 11 to form a compound of Formula XI

12 wherein P is a protecting group, L is a leaving atom or group and R₁₂ is aralkyl.

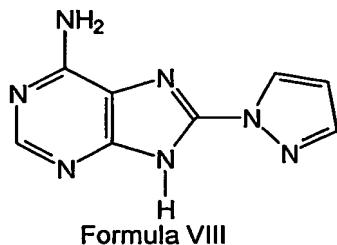
1 17. A method for the preparation of compounds of Formula XII,



2

3 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
 4 enantiomers, diastereomers or N-oxides, which method comprises the steps of:

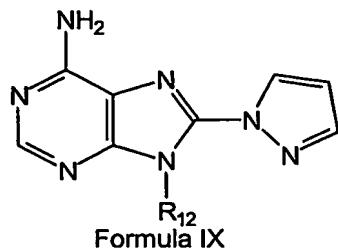
5 a) reacting a compound of Formula VIII,



6

7 with a compound of Formula R₁₂-L to give a compound of Formula IX,

46

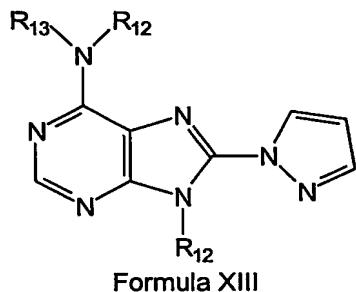


8

9 and

10 b) reacting a compound of Formula IX with a compound of Formula R₁₃-L to
 11 form a compound of Formula XII,
 12 wherein L is a leaving atom or group, R₁₂ is aralkyl and R₁₃ is R₂ or R₃ (wherein R₂ or R₃
 13 independently is hydrogen, alkyl, alkenyl, alkynyl, acyl, alkaryl, heteroaryl alkyl, or
 14 heterocyclyl alkyl).

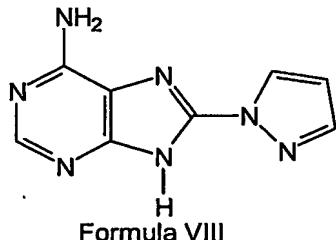
1 18. A method for the preparation of compounds of Formula XIII,



2

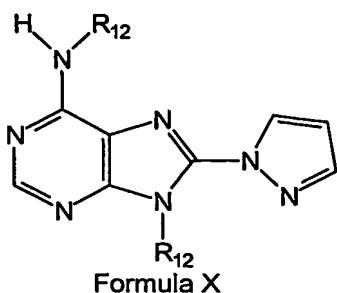
3 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
 4 enantiomers, diastereomers or N-oxides, which method comprises the steps of:

5 a) reacting a compound of Formula VIII,



6

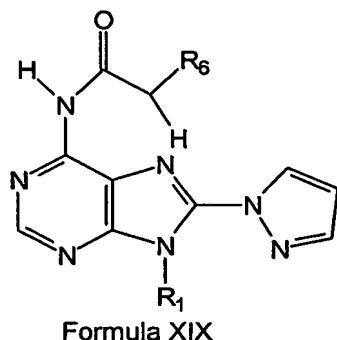
7 with a compound of Formula R₁₂-L to form a compound of Formula X,



8

9 b) reacting a compound of Formula X with a compound of Formula R₁₃-L to
 10 form a compound of Formula XIII,
 11 wherein L is a leaving atom or group, R₁₂ is aralkyl, and R₁₃ is R₂ or R₃ (wherein R₂ or R₃
 12 independently is hydrogen, alkyl, alkenyl, alkynyl, acyl, alkaryl, heteroaryl alkyl, or
 13 heterocyclyl alkyl).

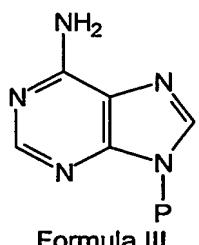
1 19. A method for the preparation of compounds of Formula XIX,



2

3 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
 4 enantiomers, diastereomers or N-oxides, which method comprises the steps of:

5 a) reacting a compound of Formula III



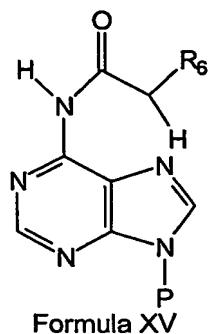
6

7 with a compound of Formula XIV,

8 R₆—NCO
 9 Formula XIV

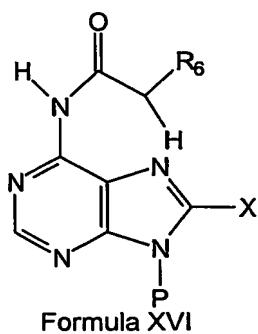
10 to form a compound of Formula XV,

48



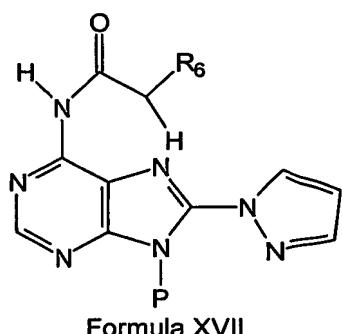
11

- 12 b) halogenating a compound of Formula XV to form a compound of Formula
13 XVI,



14

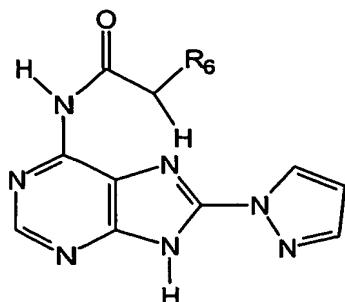
- 15 c) reacting a compound of Formula XVI with pyrazole gives a compound of
16 Formula XVII,



17

- 18 d) deprotecting a compound of Formula XVII to form a compound of Formula
19 XVIII,

49



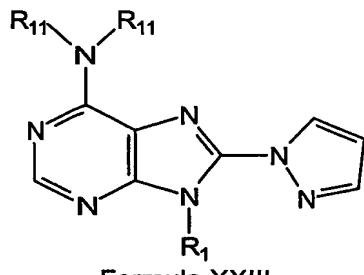
Formula XVIII

20

21 and

22 e) reacting a compound of Formula XVIII with a compound of Formula R₁-L
 23 to form a compound of Formula XIX,
 24 wherein P is a protecting group; R₆ is hydrogen alkyl, aryl, heteroaryl, heterocyclyl,
 25 alkenyl, alkynyl, halogen, nitro, cyano, hydroxy, alkoxy, thioalkoxy, amino, or substituted
 26 amino; X is a halogen; L is leaving atom or group; and R₁ is hydrogen, alkyl, cycloalkyl,
 27 aryl, alkaryl, heteroaryl, heteroaryl alkyl, or heterocyclyl alkyl.

1 20. A method for the preparation of compounds of Formula XXIII,

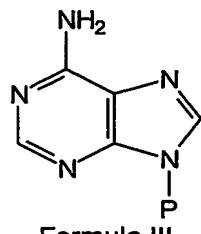


Formula XXIII

2

3 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
 4 enantiomers, diastereomers or N-oxides, which method comprises the steps of:

5 a) reacting a compound of Formula III with a compound of Formula R₁₁-L

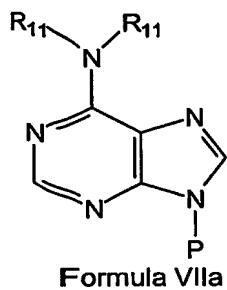


Formula III

6

7 to form a compound of Formula VIIa,

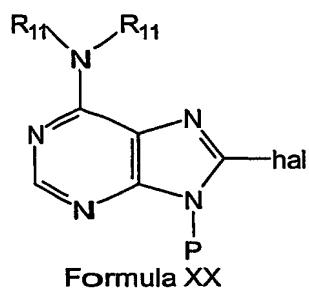
50



Formula VIIa

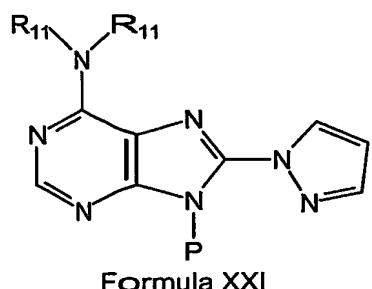
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9 b) halogenating a compound of Formula VIIa to form a compound of Formula
10 XX,



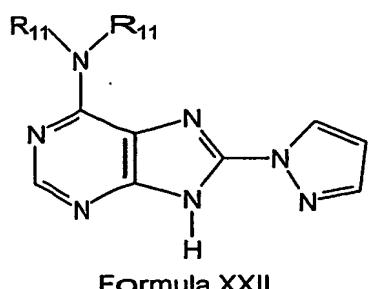
11

12 c) reacting a compound of Formula XX with pyrazole to form a compound of
13 Formula XXI,



14

15 d) deprotecting a compound of Formula XXI to form a compound of Formula
16 XXII,

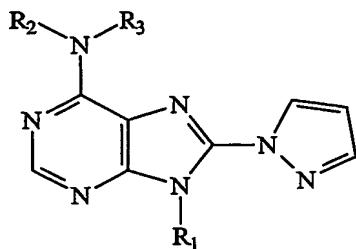


17

18 and

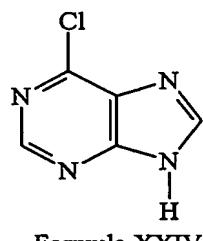
19 e) reacting a compound of Formula XXII with a compound of Formula R₁-L
 20 to form a compound of Formula XXIII,
 21 wherein P is a protecting group; L is leaving atom or group; R₁₁ is R₃ (wherein R₃ is
 22 hydrogen, alkyl, alkenyl, alkynyl, acyl, alkaryl, heteroaryl alkyl, or heterocyclyl alkyl); hal
 23 is halogen; and R₁ is hydrogen, alkyl, cycloalkyl, aryl, alkaryl, heteroaryl, heteroaryl alkyl,
 24 or heterocyclyl alkyl.

1 21. A method for the preparation of compounds of Formula XXIX,

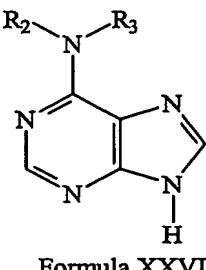


2 their pharmaceutically acceptable salts, pharmaceutically acceptable solvates,
 3 enantiomers, diastereomers or N-oxides, which method comprises the steps of:
 4

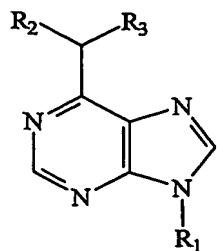
5 a) reacting a compound of Formula XXIV



6 with a compound of Formula R₂R₃NH to form a compound of Formula XXVI,



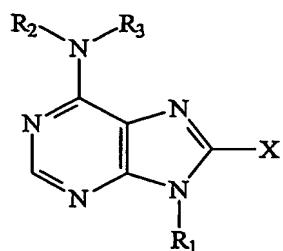
7 b) reacting a compound of Formula XXVI with a compound of Formula R₁-L
 8 to form a compound of Formula XXVII,



Formula XXVII

16

17 c) halogenating a compound of Formula XXVII to form a compound of
18 Formula XXVIII,



Formula XXVIII

24 and

25 d) reacting a compound of Formula XXVIII with pyrazole to form a
26 compound of Formula XXIX
27 wherein R₁ is hydrogen, alkyl, cycloalkyl, aryl, alkaryl, heteroaryl, heteroaryl alkyl, or
28 heterocyclyl alkyl; and R₂ and R₃ independently is hydrogen, alkyl, alkenyl, alkynyl, acyl,
29 alkaryl, heteroaryl alkyl, or heterocyclyl alkyl; L is a leaving atom or group; and X is a
30 halogen.